

# efka® - 3888

## Reactive slip, levelling and anti-blocking additive

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**Composition:** Polyisocyanate modified polysiloxane

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**Data:**

Active ingredients	:	44 - 46%	
Solvent	:	butylacetate	
Density at 20 °C	:	0.97 - 0.99 g/cm <sup>3</sup>	DIN 51757
Flashpoint	:	24 °C	ISO 3679
Appearance	:	clear to slightly hazy, colourless liquid	
NCO-value	:	approx. 8 % on active ingredients	

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**Properties:** EFKA-3888 is a polysiloxane modified polyisocyanate designed to crosslink with hydroxyl or carboxyl groups. EFKA-3888 is compatible with most polyisocyanates e.g. Desmodur® N, L, IL, HL and similar products. The addition of EFKA-3888 in polyurethane lacquers or coatings give the following advantages:

- improved levelling
  - reduced tendency for orange-peel or cratering
  - improved slip and surface smoothness, these improvements are more permanent, as the additives cross-link to form part of the final film
  - reduced surface tension with little or no foam formation
  - prevention of Bénard cells
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**Application:** EFKA-3888 is a cross-linking additive, designed for all polyurethane systems, both two-component and moisture-curing. It must be added to the polyisocyanate solution in two component systems.

EFKA-3888, especially developed for use in metal coatings, improves levelling and surface smoothness and results in faster scratch resistance during the initial drying stage.

Since EFKA-3888 actually takes part in the cross-linking action and forms an integral part of the finished polymer, the slip and scratch resistance properties are more permanent compared with normal additives.

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**Addition:** 1 - 2% calculated on the polyol component.  
EFKA-3888 should be added to the hardener component.  
The NCO-value of approx. 8% (based on solids) should be taken into account in the isocyanate calculation.

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**Storage:** EFKA-3888 should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 2 years from the date of manufacture. The expiry date is indicated on the container.

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**Packaging:** 25 kg non-returnable containers

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